



MONTHLY OPERATIONS REPORT

October & November 2012

Town of Discovery Bay, CA

1190 Days of Safe Operations

50867 worked hours since last recordable incident

TRAINING:

Safety, Operations, & Equipment

Safety	Attended	Hours
Cal/OSHA Confined Space Cold Stress Prevention Driving in Inclement Weather Crane Safety Power Tools	All Staff Members	10.0
Operation		
Great California Shakeout Laboratory Scheduling	All Staff Members	1.0

WATER SERVICE

- Troubleshooting PLC Comm Issue NWTP
- Clean out NPWTP Backwash Tank
- Diagnostic PLC at NWTP
- Filter "B" Issue WLWTP
- Well 4 Transmitter (level Control) troubleshooting
- Troubleshoot VFD NWTP Jockey Pump
- Installed new VFD at WLWTP Booster #1
- Reclaim Pump NWTP
- Well #2 Flow meter indicator

Note: Well 4 in lead and Well 5 in lag to offset specific conductivity

Customer Inquiries:

0 Brown water calls

# of	Water Produced (MG)	Chemical Usage/Delivered	Fire Hydrant Flushing
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Active Wells			
5	130.4	5236	0

Bacteriological Test Results:

Routine Bacteria Samples Collected	No. Total Coliform Positives	No. Fecal/E. coli Positives
20 / 16	0	0

WASTEWATER SERVICE

- Repaired scum arm on Clarifier #1
- Panel view issue with Belt Press #1
- Replaced L/S “F” level controller
- Lakeshore L/S comm issue addressed
- Replaced Belt Press #1 bearing
- Repaired actuator valve on WAS #1
- Address Radio Feed from Lakeshore L/S
- Repaired Air Dryer at Golf Course
- Installed new sump pump at OX ditch #1 plant #2
- Meet with several paint contractor for clarifier #1 Plant 1
- Various electrical issue throughout the plants

Customer Inquiries:

0

# of Active Lift Stations	# of Inactive Lift Stations	Chemical Usage Polymer-gals	SSO	Wastewater Received (MG)
15	0	193.0	0	41.1-OCT 41.2 – Nov.

Collections:

- Flushed **6081 ft** of sanitary sewer. YTD **21,049 ft. 32%** completed
- Inspected **20** manhole & covers. YTD **60**
- Cleaned out L/F? ‘F’.
- Started CCTV.

Wastewater Laboratory Analysis

<i>WW Effluent Parameter</i>	<i>Permit Limits</i>	<i>October Lab Data</i>	<i>November Lab Data</i>
Flow, MG Effluent, monthly total		38.6	37.6
Flow, MG Daily Discharge Flow, avg.	2.1	1.25	1.30
Effluent BOD ₅ , lbs/d, monthly avg.	350	18	17
Effluent TSS, lbs/d, monthly avg.	525	38	41
Effluent BOD ₅ , mg/L, monthly avg.	20	2	2
Effluent TSS, mg/L, monthly avg.	30	4	4
Total Coli form 7 day Median Max	23	8	7
Total Coli form Daily Maximum	240	13	13
% Removal BOD ₅ , monthly avg.	85% min.	99	99
% Removal, TSS, monthly avg.	85% min.	98	98
Electrical Conductivity, umhos/cm annual avg.	2100	2143(YTD)	2132(YTD)

Red – new parameter added

Maintenance:

Preventive and Corrective

Total # of WO's Completed	Total Hours
239 – Oct.	176 – Oct.
232 -Nov	208 - Nov.

Call & Emergency Responses

Call Outs	Emergencies
12 – Oct.	0 - Oct
2- Nov.	0 - Nov

Personnel Hours & Overtime:

Regular Hours	Overtime
1269 – Oct.	70 – Oct.
1339 - Nov.	62 – Nov.